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Role of adipose-derived stromal cells in pedicle skin flap survival in experimental animal models

Pericles Foroglou, Vasileios Karathanasis, Efterpi Demiri, George Koliakos, Marios Papadakis

Abstract

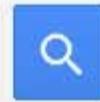
The use of skin flaps in reconstructive surgery is the first-line surgical treatment for the reconstruction of skin defects and is essentially considered the starting point of plastic surgery. Despite their excellent usability, their application includes general surgical risks or possible complications, the primary and most common is necrosis of the flap. To improve flap survival

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Key words: Surgical **Flaps**; **Rats**; Adult Stem Cells; Stem Cells; Adipose Tissue ... dorsal **skin flaps** in rats, measuring 10X4 cm, following **experimental model** ... The regions of **survival** and necrosis were clearly demarcated in every **flap** at 7th **adipose-derived** stem/**stromal cells** for the production of new **skin** substitutes.

Improved wound healing of postischemic cutaneous flaps ...

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